

In my two decades as a certified fire investigator, I have seen firsthand how fire can cause devastation to livelihoods and

significant hits to project timelines and brand reputations. I also understand the full lifecycle of a fire emergency, from code and standard development to education, inspection, enforcement, emergency response, investigation, and failure

environment, there is no standard method of detecting a fire

Many sites are in fact under prepared when it comes to fire prevention, fire-alarm initiation, or detection devices and procedures, as well as alerting fire departments to help save lives and site assets.

Contractors are under a great deal of pressure to deliver on

hard to overcome the standard thought process of "it won't happen to me." As a result, I believe we are at major crossroads in our fire-prevention efforts, with new collaborative and digital-led solutions needed. In my view, this involves a three-

This only adds to delays, as it takes time for individuals to notice smoke or other early signs of a fire emergency and

example, or a piece of heavy equipment starting up.

A COLLABORATIVE APPROACH

To overcome this, we must first put our faith in education

code inspectors, standards departments, and fire departments or fire-marshall offices. Each party must be educated in the

implement an efficient fire-prevention management plan.

From a collaborative point of view, each group brings different resources and an ability to help solve this problem.

One of the major parts of this is codes and standards. For more

NFPA 241: Standard for Safeguarding Construction, Alteration and Demolition Operations. This gives the AHJ- the authority having jurisdiction - the ability to produce a compliance

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